

Translation

PATENT COOPERATION TREATY

PCT/JP2003/015199



PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference F03003	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/JP2003/015199	International filing date (day/month/year) 27 November 2003 (27.11.2003)	Priority date (day/month/year) 31 March 2003 (31.03.2003)
International Patent Classification (IPC) or national classification and IPC H01G 9/04		
Applicant TOYO ALUMINIUM KABUSHIKI KAISHA		

<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet.</p> <p><input checked="" type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of _____ sheets.</p>
<p>3. This report contains indications relating to the following items:</p> <p>I <input checked="" type="checkbox"/> Basis of the report</p> <p>II <input type="checkbox"/> Priority</p> <p>III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p>IV <input type="checkbox"/> Lack of unity of invention</p> <p>V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p>VI <input type="checkbox"/> Certain documents cited</p> <p>VII <input type="checkbox"/> Certain defects in the international application</p> <p>VIII <input type="checkbox"/> Certain observations on the international application</p>

Date of submission of the demand 08 October 2004 (08.10.2004)	Date of completion of this report 29 June 2005 (29.06.2005)
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

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I. Basis of the report

1. With regard to the **elements** of the international application:*

- ☐ the international application as originally filed
- ☒ the description:
pages 1-12, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____
- ☒ the claims:
pages 2, 4-7, as originally filed
pages _____, as amended (together with any statement under Article 19
pages _____, filed with the demand
pages 1, filed with the letter of 10 March 2005 (10.03.2005)
- ☒ the drawings:
pages Fig. 1-3, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____
- ☐ the sequence listing part of the description:
pages _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☒ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☒ the claims, Nos. 3
- ☐ the drawings, sheets/fig _____

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

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V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-2, 4, 6-7	YES
	Claims	5	NO
Inventive step (IS)	Claims	1-2, 4, 6-7	YES
	Claims	5	NO
Industrial applicability (IA)	Claims	1-2, 4-7	YES
	Claims		NO

2. Citations and explanations

Document 1: JP 2000-12400 A (Nichicon Corp.), 14 January 2000, entire text

Document 2: JP 4-71213 A (Nippon Chemi-Con Corp.), 05 March 1992, entire text, all drawings

Document 3: JP 4-196208 A (Toray Ind., Inc.), 16 July 1992, embodiment 1

The feature whereby the "aforementioned carbonaceous layer is formed so as to extend to the outside from the surface of the aforementioned aluminum foil," which is considered to be either disclosed or cited in claims 1 to 2 and 4, is not disclosed or suggested in any of the documents that are cited in the previous written opinion; therefore, the inventions set forth in claims 1 to 2 and 4 are novel and involve an inventive step.

The invention set forth in claim 5 is disclosed in document 3 (embodiment 1) cited in the prior written opinion; therefore, the invention in question lacks novelty and does not involve an inventive step.

The feature whereby "at least one material selected from a group that comprises carbonaceous substances and aluminum powders is adhered to the surface of the aluminum foil and then the aluminum foil is disposed in a space that contains a hydrocarbonaceous substance," which is

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considered to be either disclosed or cited in claims 6 and 7, is not disclosed or suggested in any of the documents that are cited in the prior written opinion; therefore, the inventions set forth in claims 6 and 7 are novel and involve an inventive step.